## SAINT LOUIS COUNTY DEPARTMENT OF TRANSPORTATION **BID TABULATION**

PROJECT: ASHBY ROAD BRIDGE NO. 261 ST. LOUIS COUNTY PROJECT NO.: AR-1668 FEDERAL PROJECT NO.: N/A DATE OF BIDS RECEIVED: 3/20/2019

|                    |  |      |                         | Kozeny Wag        | ner Inc.                | Gershenson Construction Co. Inc. |                         |
|--------------------|--|------|-------------------------|-------------------|-------------------------|----------------------------------|-------------------------|
|                    |  |      | Core Bid - Bid Option 1 |                   |                         | Core Bid - Bid Option 1          |                         |
| Item Number        | Description                                    | Unit | Quantity                | <b>Unit Price</b> | <b>Calculated Total</b> | <b>Unit Price</b>                | <b>Calculated Total</b> |
| <b>ROADWAY ITE</b> | MS   |      |                         |                   |                         |                                  |                         |
| 107-02.00          | Railroad Permits, Agreements, and Licenses     | Each | 2                       | \$1,787.00        | \$3,574.00              | \$31,885.00                      | \$63,770.00             |
| 201-20.10          | Clearing and Grubbing                          | L.S. | 1                       | \$4,063.00        | \$4,063.00              | \$3,880.00                       | \$3,880.00              |
| 202-20.10          | Removal of Improvements                        | L.S. | 1                       | \$13,424.00       | \$13,424.00             | \$17,000.00                      | \$17,000.00             |
| 202-22.30          | Removal of Rigid Pavement                      | S.Y. | 675                     | \$19.80           | \$13,365.00             | \$27.00                          | \$18,225.00             |
| 203-10.30          | Land Disturbance Permits                       | L.S. | 1                       | \$12,050.00       | \$12,050.00             | \$100.00                         | \$100.00                |
| 207-20.00          | Linear Grading, Class 2                        | Sta. | 5.8                     | \$1,228.00        | \$7,122.40              | \$2,260.00                       | \$13,108.00             |
| 304-05.04          | Type 5 Aggregate Base (4" Thick)               | S.Y. | 211.6                   | \$10.50           | \$2,221.80              | \$7.80                           | \$1,650.48              |
|                    | Superpave Asphaltic Concrete Mixture SP125 (PG |      |                         |                   |                         |                                  |                         |
| 404-12.71          | 70-22)CLP                                      | Ton  | 161.4                   | \$110.00          | \$17,754.00             | \$120.00                         | \$19,368.00             |
| 407-10.27          | Tack-Emulsified Asphalt (SS-1H)                | Gal. | 80                      | \$2.50            | \$200.00                | \$5.55                           | \$444.00                |
|                    | Pavement Surfacing and Texturing (0" to 4"),   |      |                         |                   |                         |                                  |                         |
| 412-10.04          | Concrete or Asphalt                            | S.Y. | 1300                    | \$5.00            | \$6,500.00              | \$4.05                           | \$5,265.00              |
| 504-10.20          | Concrete Bridge Approach Pavement              | S.Y. | 376                     | \$77.50           | \$29,140.00             | \$110.00                         | \$41,360.00             |
| 604-34.00          | Camera Inspection of Sewer Line                | Each | 2                       | \$1,755.00        | \$3,510.00              | \$150.00                         | \$300.00                |
| 606-10.99          | Midwest Guardrail System (MGS)                 | L.F. | 613                     | \$34.00           | \$20,842.00             | \$38.00                          | \$23,294.00             |
| 606-22.99          | MGS Bridge Approach Transition (Extended Curb) | Each | 4                       | \$3,800.00        | \$15,200.00             | \$4,210.00                       | \$16,840.00             |
| 606-30.99          | MGS Crashworthy End Terminal                   | Each | 4                       | \$2,800.00        | \$11,200.00             | \$3,145.00                       | \$12,580.00             |
| 609-10.53          | Curb and Gutter, Vertical                      | L.F. | 435                     | \$41.60           | \$18,096.00             | \$36.50                          | \$15,877.50             |
| 611-60.10          | Concrete Slope Protection                      | S.Y. | 578.6                   | \$105.20          | \$60,868.72             | \$168.00                         | \$97,204.80             |
|                    | Moveable Barricades with Model "B" Amber       |      |                         |                   |                         |                                  |                         |
| 612-10.20          | Flashers (2 Each per Barricade)                | Each | 12                      | \$185.00          | \$2,220.00              | \$205.00                         | \$2,460.00              |
| 612-30.10          | Standard Traffic Control Devices               | L.S. | 1                       | \$4,584.00        | \$4,584.00              | \$6,650.00                       | \$6,650.00              |
| 612-70.20          | Changeable Message Board (Noiseless), Rental   | Each | 4                       | \$3,000.00        | \$12,000.00             | \$3,325.00                       | \$13,300.00             |
| 619-00.00          | Mobilization                                   | L.S. | 1                       | \$288,620.00      | \$288,620.00            | \$50,000.00                      | \$50,000.00             |
| 803-10.00          | Sodding  | S.Y. | 871                     | \$7.90            | \$6,880.90              | \$9.70                           | \$8,448.70              |
| 806-20.11          | Turf Reinforcement Mat (TRM)                   | S.Y. | 424                     | \$11.50           | \$4,876.00              | \$11.10                          | \$4,706.40              |
|                    | Inlet Protection Device, Single Unit - Filter  |      |                         |                   |                         | 1                                |                         |
| 806-45.08          | Sock/Roll                                      | Each | 2                       | \$135.00          | \$270.00                | \$210.00                         | \$420.00                |
| 806-70.00          | Silt Fence                                     | L.F. | 1453                    | \$3.50            | \$5,085.50              | \$4.60                           | \$6,683.80              |

## STRUCTURAL ITEMS

| 202-10.30  | Removal of Bridge (Partial)                        | L.S. | 1     | \$97,256.00 | \$97,256.00    | \$295,000.00 | \$295,000.00   |
|------------|--|------|-------|-------------|----------------|--------------|----------------|
| 202-20.50  | Removal of Existing Bearings                       | Each | 12    | \$1,404.00  | \$16,848.00    | \$2,555.00   | \$30,660.00    |
| 202-20.99  | Removal of Bridge Approach Slab                    | S.Y. | 259   | \$22.20     | \$5,749.80     | \$50.00      | \$12,950.00    |
| 206-10.00  | Class 1 Excavation                                 | C.Y. | 58.5  | \$72.90     | \$4,264.65     | \$127.00     | \$7,429.50     |
| 503-10.00  | Bridge Approach Slab                               | S.Y. | 273.3 | \$230.20    | \$62,913.66    | \$260.00     | \$71,058.00    |
| 607-10.60  | Pedestrian Fence (Structure)                       | L.F. | 318   | \$120.00    | \$38,160.00    | \$132.00     | \$41,976.00    |
| 703-20.03  | Class "B" Concrete (Substructure)                  | C.Y. | 20.9  | \$1,306.00  | \$27,295.40    | \$1,460.00   | \$30,514.00    |
| 703-20.20  | Substructure Repair (Formed)                       | S.F. | 218   | \$148.10    | \$32,285.80    | \$156.00     | \$34,008.00    |
| 703-42.12  | Slab on Steel                                      | S.Y. | 894   | \$479.10    | \$428,315.40   | \$425.00     | \$379,950.00   |
| 703-42.15  | Safety Barrier Curb (Bridges, Cast-in-Place)       | L.F. | 318   | \$129.50    | \$41,181.00    | \$191.00     | \$60,738.00    |
| 704-01.64  | Fiber Reinforced Polymer Reinforcement             | S.F. | 123   | \$185.00    | \$22,755.00    | \$175.00     | \$21,525.00    |
| 706-10.60  | Reinforcing Steel (Bridges)                        | Lbs. | 4290  | \$12.10     | \$51,909.00    | \$5.00       | \$21,450.00    |
| 712-11.59  | Shear Connectors                                   | Each | 2628  | \$4.50      | \$11,826.00    | \$5.00       | \$13,140.00    |
| 712-31.00  | Cleaning and Painting Existing Bearings            | Each | 18    | \$4,873.75  | \$87,727.50    | \$4,340.00   | \$78,120.00    |
| 712-52.00  | Surface Preparation for Recoating Structural Steel | S.F. | 7800  | \$38.00     | \$296,400.00   | \$42.15      | \$328,770.00   |
| 712-52.10  | Inorganic Zinc Primer                              | S.F. | 7800  | \$1.00      | \$7,800.00     | \$1.11       | \$8,658.00     |
| 712-53.65  | Intermediate Field Coat (System G) Gray            | S.F. | 7800  | \$1.00      | \$7,800.00     | \$1.11       | \$8,658.00     |
| 712-53.70  | Finish Field Coat (System G) Gray                  | S.F. | 7800  | \$1.00      | \$7,800.00     | \$1.11       | \$8,658.00     |
| 715-10.00  | Vertical Drain at End Bents                        | Each | 2     | \$1,623.00  | \$3,246.00     | \$5,105.00   | \$10,210.00    |
| 716-20.00  | Laminated Neoprene Bearing Pad Assembly            | Each | 12    | \$1,310.00  | \$15,720.00    | \$2,025.00   | \$24,300.00    |
| SUBTOTAL S | TRUCTURAL ITEMS                                    |      |       |             | \$1,267,253.21 |              | \$1,487,772.50 |
|            |  |      |       |             |                |              |                |

**COUNTY TRAFFIC SIGNAL ITEMS** 

| COONTITUE | AFFIC SIGNAL HEIVIS                               |      | _    | 1           | _           |             |             |
|-----------|---|------|------|-------------|-------------|-------------|-------------|
|           | Controller, Fully Actuated, (8 Phase Timer, in    |      |      |             |             |             |             |
|           | Aluminum Cabinet Approx. 55"H x 44"W x 26"D,      |      |      |             |             |             |             |
|           | Wired for 8 Phase Operation) w/Internal Fiber     |      |      |             |             |             |             |
|           | Optic Modem and Termination Housing, TS2, Type    |      |      |             |             |             |             |
| 904-43.88 | 2, w/Battery Backup                               | Each | 1    | \$24,870.00 | \$24,870.00 | \$27,580.00 | \$27,580.00 |
|           | Detector, Vehicle Induction Loop, Card Rack Mtg., |      |      |             |             |             |             |
|           | 2 Channel, w/Delay and Extension Timing and       |      |      |             |             |             |             |
| 904-49.35 | Relay Outputs                                     | Each | 6    | \$254.00    | \$1,524.00  | \$282.00    | \$1,692.00  |
| 904-52.00 | Conduit, 2"                                       | L.F. | 2366 | \$10.95     | \$25,907.70 | \$12.15     | \$28,746.90 |
| 904-53.00 | Conduit, 3"                                       | L.F. | 330  | \$16.10     | \$5,313.00  | \$17.85     | \$5,890.50  |
|           | Conduit Repair (locate broken conduit, excavate,  |      |      |             |             |             |             |
|           | remove existing cable, repair/replace conduit,    |      |      |             |             |             |             |
|           | reinstall cable, backfill and restore) (Does not  |      |      |             |             |             |             |
|           | include sidewalk or pavement removal and          |      |      |             |             |             |             |
| 904-74.99 | replacement)                                      | Each | 1    | \$1,079.00  | \$1,079.00  | \$1,200.00  | \$1,200.00  |
|           | Cable, Communication, Fiber Optic, 36 Fibers (30  |      |      |             |             |             |             |
| 904-85.36 | Single-Mode and 6 Multi-Mode)                     | L.F. | 2840 | \$4.02      | \$11,416.80 | \$4.45      | \$12,638.00 |
|           | Preformed Pull Box (17"W x 30"L x 26"min.H),      |      |      |             |             |             |             |
| 904-89.17 | Reinforced Polymer Concrete                       | Each | 2    | \$1,136.00  | \$2,272.00  | \$1,260.00  | \$2,520.00  |
|           | Preformed Pull Box (17"W x 30"L x 26"min.H),      |      |      |             |             |             |             |
| 904-90.17 | Reinforced Polymer Concrete w/1' Concrete Apron   | Each | 6    | \$1,449.00  | \$8,694.00  | \$1,607.00  | \$9,642.00  |
| 904-95.30 | Removal of Preformed Pull Box                     | Each | 1    | \$568.00    | \$568.00    | \$630.00    | \$630.00    |
| 904-97.33 | Removal of Existing Controller Cabinet            | Each | 1    | \$683.00    | \$683.00    | \$758.00    | \$758.00    |

SUBTOTAL COUNTY TRAFFIC SIGNAL ITEMS \$91,297.40 \$82,327.50

PEDESTRIAN AND BICYCLE ITEMS

| 608-60.94    | Remove and Replace Concrete Sidewalk (4" Thick) | S.Y. | 11.2 | \$181.50   | \$2,032.80 | \$100.00   | \$1,120.00 |
|--------------|---|------|------|------------|------------|------------|------------|
| SUBTOTAL PED | ESTRIAN AND BICYCLE ITEMS                       |      |      | \$2,032.80 |            | \$1,120.00 |            |

PROJECT TOTALS \$1,915,280.83 \$2,023,125.58